

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A hollow golf club head made of metal comprising:
a face portion;
a sole portion;
a side portion; and
a crown portion,

wherein the crown portion and at least a part of the side portion have a Young's modulus lower than the face portion and the sole portion, and an intersection angle between the crown portion and the side portion is larger than 90 degrees.

2. (original): The golf club head according to claim 1, wherein the crown portion and the at least part of the side portion are press-molded separately from other portions and joined to the other portions.

3. (original): The golf club head according to claim 1, wherein the crown portion and the at least part of the side portion have thickness in a range of from 0.5 mm to 1.2 mm.

4. (original): The golf club head according to claim 1,
wherein the metal forming the golf club head includes at least one of titanium and titanium alloy;

wherein the crown portion and the at least part of the side portion have a Young's modulus not higher than 10,500 kgf/mm²; and

wherein the sole portion has a Young's modulus not lower than $11,000 \text{ kgf/mm}^2$.

5. (original): The golf club head according to claim 1,

wherein difference between Young's modulus of the crown portion and the at least part of the side portion and that of the sole portion is in a range of from $1,000 \text{ kgf/mm}^2$ to $3,000 \text{ kgf/mm}^2$

6. (original): The golf club head according to claim 1, wherein a rib is formed on the sole portion from a face side thereof toward a back side thereof.

7. (previously presented): A hollow golf club head made of metal comprising:

an upper member including a crown portion and a part of a side portion;

a lower member including a sole portion;

a face plate; and

a hosel portion, wherein:

the upper member has a Young's modulus lower than the lower member and the face plate, and an intersection angle between the crown portion and the side portion is larger than 90 degrees.

8. (original): The golf club head according to claim 7, wherein the lower member further includes the remaining part of the side portion.

9. (original): The golf club head according to claim 7, wherein the upper member has thickness in a range of from 0.5 mm to 1.2 mm.

10. (original): The golf club head according to claim 7,
wherein the metal forming the golf club head includes at least one of titanium and titanium alloy;
wherein the upper member has a Young's modulus not higher than $10,500 \text{ kgf/mm}^2$; and
wherein the lower member has a Young's modulus not lower than $11,000 \text{ kgf/mm}^2$.
11. (original): The golf club head according to claim 7,
wherein difference between Young's modulus of the upper member and that of the lower member is in a range of from $1,000 \text{ kgf/mm}^2$ to $3,000 \text{ kgf/mm}^2$
12. (original): The golf club head according to claim 7, wherein a rib is formed on the sole portion from a face side thereof toward a back side thereof.
13. (previously presented): A hollow golf club head made of metal comprising:
a face portion;
a sole portion;
a side portion; and
a crown portion,
wherein the crown portion and at least a part of the side portion have a Young's modulus lower than the face portion and the sole portion, an intersection angle between the crown portion and the side portion is larger than 90 degrees, and a thickness of the sole portion is bigger than that of the crown portion and that of the side portion.

14. (currently amended): A hollow golf club head made of metal comprising:

a face portion;

a sole portion;

a side portion; that includes an upper side portion corresponding to an upper half portion of the side portion and a lower side portion corresponding to a lower half portion of the side portion; and

a crown portion,

wherein the crown portion and at least a part of the side portion have a Young's modulus lower than the face portion and the sole portion, an intersection angle between the crown portion and the side portion is larger than 90 degrees, and the sole portion and the side portion are made of titanium alloy of Ti-6Al-4V and are molded by casting, and
wherein the sole portion is thicker than the lower side portion.

15. (currently amended): A hollow golf club head made of metal comprising:

a face portion;

a sole portion;

a side portion; and

a crown portion,

wherein the crown portion and at least a part of the side portion have a Young's modulus lower than the face portion and the sole portion, an intersection angle between the crown portion and the side portion is larger than 90 degrees, and the sole portion and the side portion are produced by press-molding, and a thickness of the sole portion and a thickness of the side
portion are bigger than that of the crown portion and smaller than that of the face portion.

16. (new): A hollow golf club head made of metal comprising:
a face portion;
a sole portion;
a side portion that includes an upper side portion corresponding to an upper half portion of the side portion and a lower side portion corresponding to a lower half portion of the side portion;
a crown portion that includes an hosel portion; and
a hosel portion,
wherein the upper side portion has a Young's modulus lower than the lower side portion and the hosel portion.
17. (new): The hollow golf club according to claim 16,
wherein the crown portion and the upper side portion have a Young's modulus lower than the face portion and the sole portion, and
wherein the lower side portion and the sole portion is thicker than the crown portion and the upper side portion.
18. (new): The hollow golf club according to claim 16,
wherein the sole portion is thicker than the lower side portion.
19. (new): The hollow golf club according to claim 16,
wherein the lower side portion is molded by casting.
20. (new): The hollow golf club according to claim 16,
wherein an intersection angle between the crown portion and the side portion is larger than 90 degrees.